

FROM SOCIETAL VULNERABILITY TO RESILIENCE

THE CHALLENGE FOR AFRICA AMIDST GLOBAL CHANGE



Contents

- # Background
- # Concepts and definitions
- # Indicators and causes of societal vulnerability
- # Early Warning Research – The challenge
- # Proposal



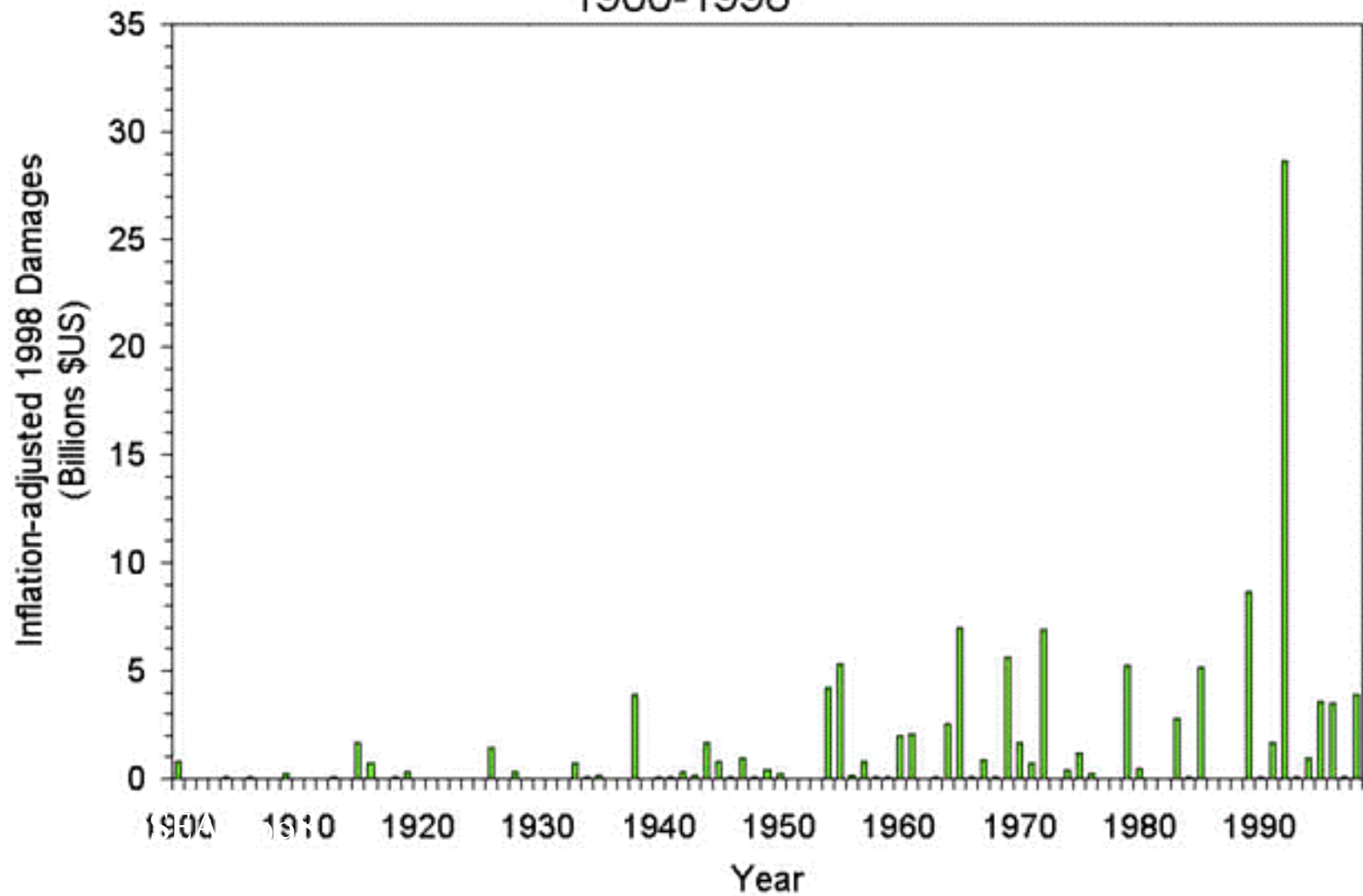
GLOBAL WARMING!

GLOBAL CHANGE!



US Hurricane Damage

1900-1998

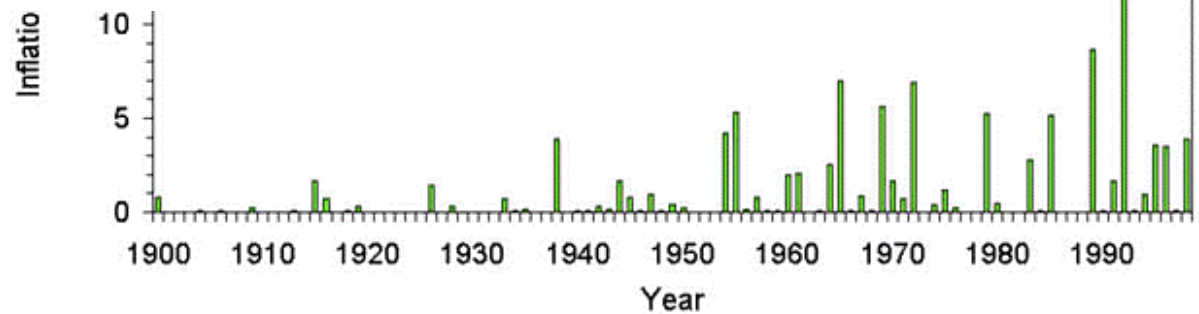
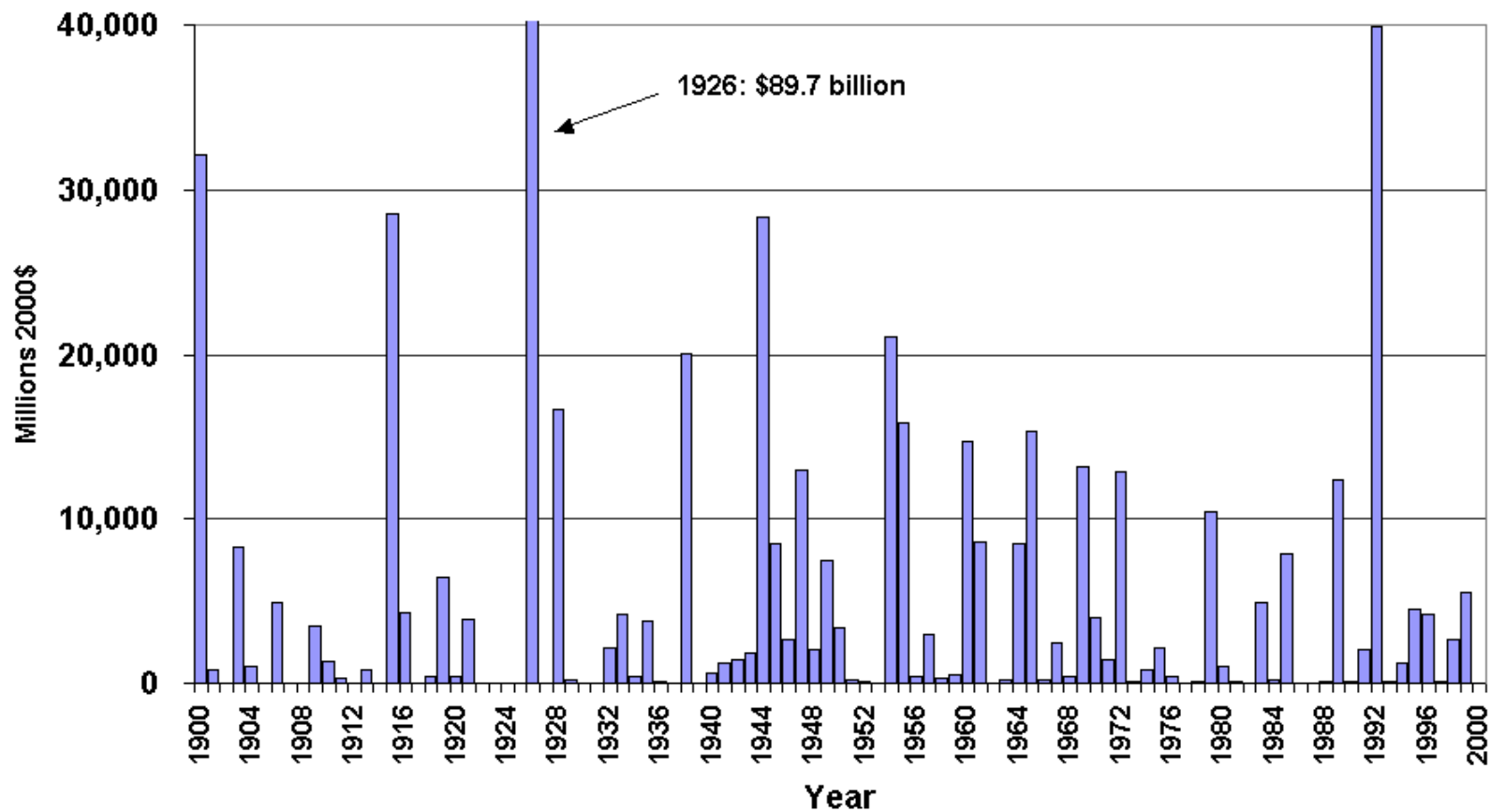


MIAMI ISLAND, FLORIDA

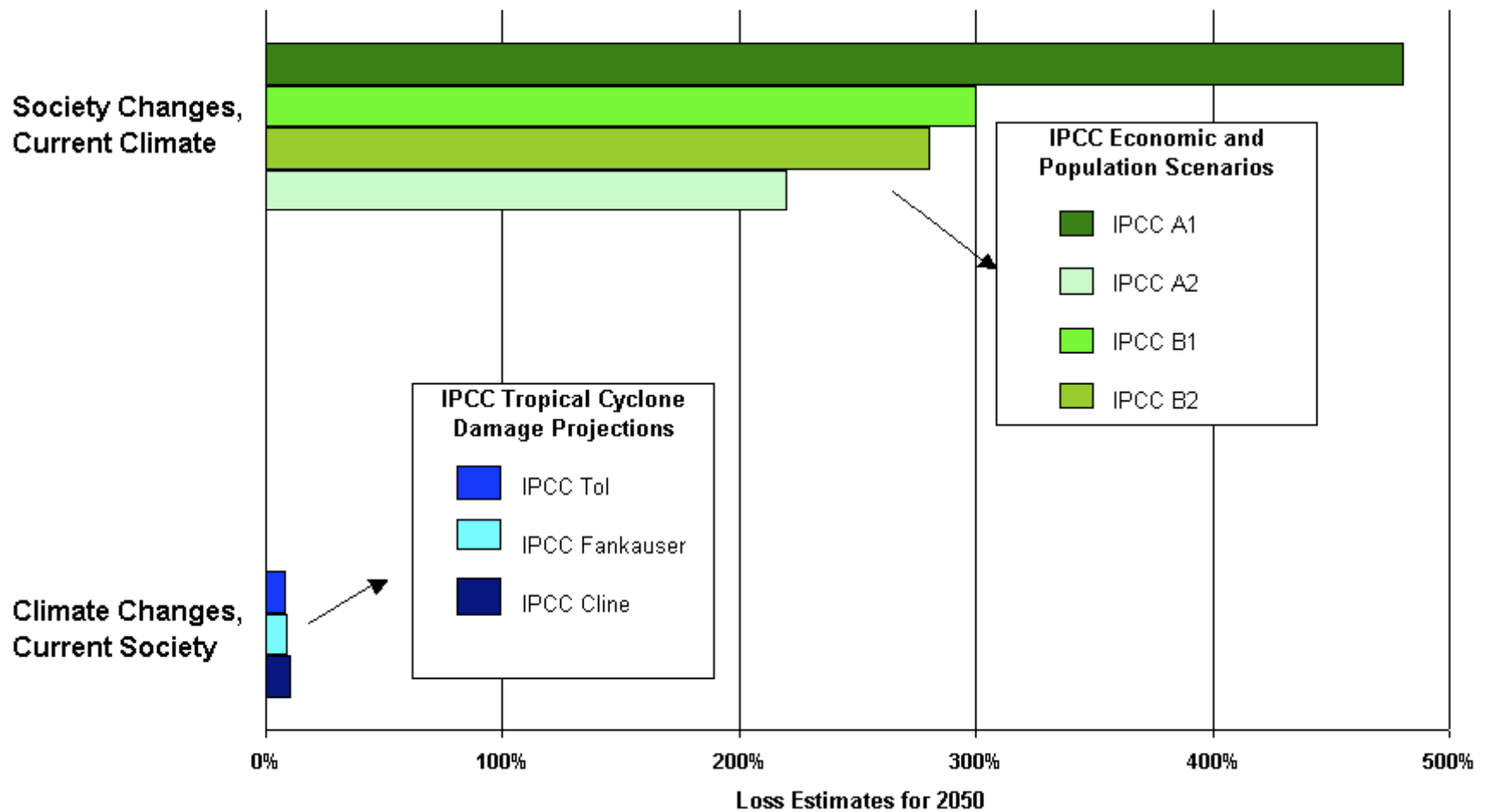


Annual Hurricane Damage: 1900 - 2000

Normalized to 2000 Values



2050 Global Tropical Cyclone Loss Sensitivities Based on IPCC Scenarios and Analyses



GLOBAL CHANGE



VULNERABLE SOCIETY



PREVENTION

MITIGATION

EARLY WARNING

RESILIENT



VULNERABILITY VS RESILIENCE

VULNERABILITY
DRIVERS

RESILIENCE
DRIVERS

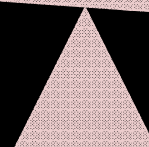
Poverty

Disasters

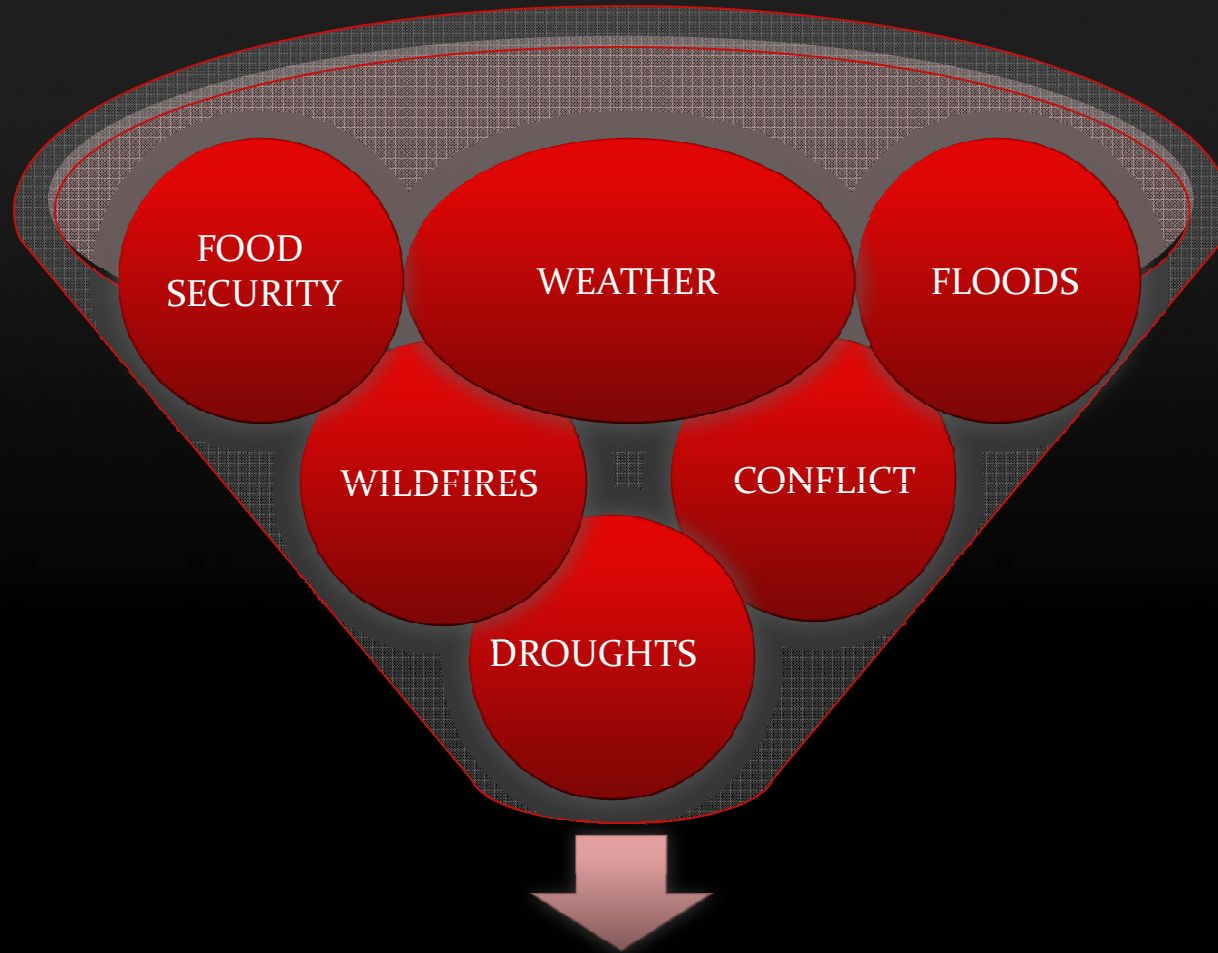
Sound
Governance

Mitigation,
Prevention and
Early Warning

Sound
development
policies

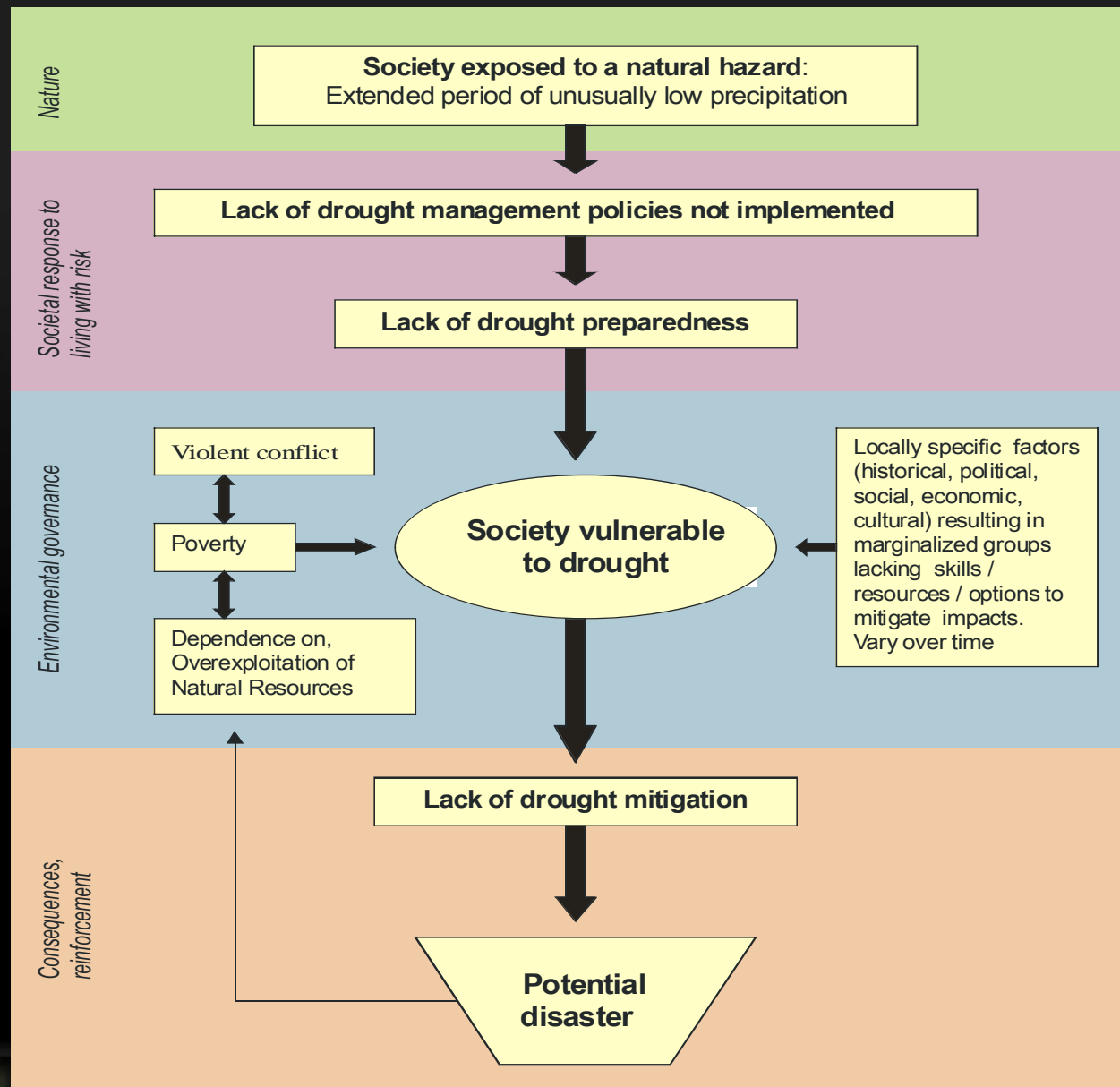


VULNERABILITY AND DISASTER EARLY WARNING RESEARCH CENTRE (VDEWRC)



DISASTER EARLY WARNING

Society Vulnerable to Drought (ISDR, 2003)



INDICATORS AND CAUSES FOR SOCIETAL VULNERABILITY (VDEWRC Phase II)





NETWORKS: Disaster early Warning Research Centre

